ABIGAIL MY TRAN

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OBJECTIVE

Looking for an internship next Summer or Fall, 2017 in the software related field.

EDUCATION

Rochester Institute of Technology   Rochester, NY
Major: B.S in Software Engineer (Honors)   Expected: May 2020
GPA: 3.87/4
Honors:
- R.I.T Dean's List   2015 - 2017
- McKenzie Writing Prize   Feb 2016

PROJECTS

Blackout Puzzles
- Designed a Python program to solve Blackout puzzles using two different data structures:
  - Number and Operation stacks: Considered the precedence of operations, brackets and invalid equations in the compute function
  - Binary Tree: Used recursion to check and solve for solutions
- Built test functions to consider any possible solvable, unsolvable blackout function, as well as invalid inputs.

Solitaire Chess
- Built a Java visualized Solitaire Chess game applying event-driven code in Model – View – Controller software architecture
  - Executed the full game on both IntelliJ consoler (TUI) and JavaFX platform (GUI)
  - Provided "Hint", "Solve", "Restart", "New Game" options
  - Solved any levels of the game using Backtracking algorithm
  - Maximized the runtime by designing an efficient Pruning function

To-Do List Web Application
- Built a website manage a To-Do lists for users
  - Used software Django to set up the back-end and design the front-end of the web app
  - Provided functions: "View", "Add", "Edit" the list for users

Mobile Application for WIC's Alumni
- Collaborating with Women in Computing team to design an application for networking with RIT's alumni
- Building the application using React Native on Android Studio

WORK EXPERIENCE

Rochester Institute of Technology
- **Academic Support Center**   Aug, 2016 - Present
  Academic Tutor
    Assisting students with questions about Science and Computing classes at RIT's public study centers
- **International Students Service**   Apr, 2016 – Aug, 2016
  Peer Advisor Leader (PAL)
    Helped facilitate incoming international students' transition to RIT by mailing essential information throughout the summer and welcoming them in three days of the International Orientation

SKILLS

Software: PyCharm; IntelliJ; Django; Google Apps Script; Android Studio; Linux
Programing Language: Java; Python; C; HTML; CSS; JavaScript
Communication: English; Vietnamese; Basic ASL

ACTIVITIES AND LEADERSHIP

- **University Studies Program (USP)**   Feb, 2016 – Present
  Ambassador
- **Vietnamese Students Association (VSA)**   Feb, 2015 – Present
  Vice-president
- **Vung Tau Abroad Student Association (VTASA)**   Aug, 2014 – Present
  Vice-president, have held two study abroad conferences in Vung Tau city, Vietnam in 2014, 2015 summers.